

Converting Colors

XYZ(41.3068, 30.4025, 42.7140)

Have a look what the booklet for
XYZ(41.3068, 30.4025, 42.7140)
contains.

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Color

**XYZ(41.3142, 30.4085,
42.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	D478AC
RGB	212, 120, 172
RGB Percent	83%, 47%, 67%
CMY	0.1686, 0.5294, 0.3255
CMYK	0.00, 0.43, 0.19, 0.17
HSL	326°, 52%, 65%
HSV	326°, 43%, 83%
XYZ	41.3142, 30.4085, 42.7217
YIQ	153.4360, 38.1400, 35.6760

Conversions

Conversions Part 2

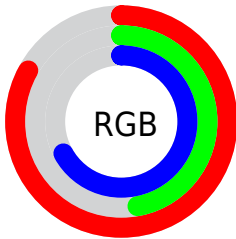
Format	Color
R _{YB}	212, 120, 172
Decimal	13924524
CIE _{Lab}	62.01, 42.52, -11.93
CIE _{LCh}	62, 44.166, 344.334
Yxy	30.4085, 0.3610, 0.2657
Android (android.graphics.Color)	4292114604 (0xFFD478AC)
YUV	153.4360, 9.1521, 51.3606
Hunter-Lab	55.1439, 37.2316, -7.3331

Details

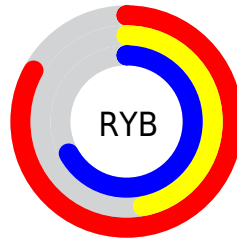
The XYZ color **41.3142, 30.4085, 42.7217** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.6357, 53.6189, 41.6259**, and the grayscale version is **30.4188, 32.0029, 34.8512**.

A 20% lighter version of the original color is **70.2412, 57.0782, 79.9881**, and **18.9749, 12.4589, 19.1740** is the 20% darker color. If you saturate the color by 10%, you get **38.1864, 25.5205, 37.4618**, and if you desaturate by 10%, it is **45.0697, 36.4527, 48.4944**.

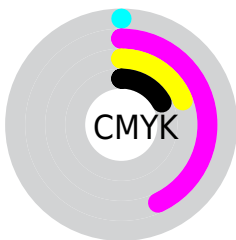
Distribution



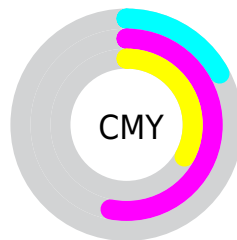
- Red (83%)
- Green (47%)
- Blue (67%)



- Red (83%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (43%)
- Yellow (19%)
- Black (17%)





- Cyan (17%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3142, 30.4085, 42.7217 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.3142, 30.4085, 42.7217 by changing the saturation by 10% instead.


 41.3142, 30.4085,
42.7217


 41.3142, 30.4085,
42.7217

342.6723,
303.8039, 373.3535


 28.7534, 20.1489,
29.3370


 76.4323, 60.3076,
80.5726

 19.0377, 12.5033,
19.0882


 99.7204, 80.7158,
105.8759

 11.8017, 7.0874,
11.5565


 127.3149,
105.2758, 135.9891

 6.6800, 3.5168,
6.3236

159.5813,
134.3717, 171.3308

 3.3074, 1.4071,
2.9709

196.8849,
168.3881, 212.3196

 1.3183, 0.2220,
1.0798

239.5910,

 0.1969, 0.0000,

207.7094, 259.3740

0.0000

288.0650,
252.7198, 312.9124

■ 0.0000, 0.0000,
0.0000

■ 41.3142, 30.4085,
42.7217

■ 41.3142, 30.4085,
42.7217

■ 38.1864, 25.5205,
37.4618

■ 45.0697, 36.4527,
48.4944

■ 35.6445, 21.7086,
32.6938

■ 49.4854, 43.7177,
54.7959

■ 33.6460, 18.8892,
28.3976


■ 54.5951, 52.2684,
61.6433


■ 32.1409, 16.9642,
24.5499


■ 60.4291, 62.1639,
69.0525


■ 31.0688, 15.8154,
21.1240


■ 67.0161, 73.4596,
77.0384

 30.5309, 15.3489,
19.0663

 74.3829, 86.2076,
85.6153

 78.1283, 91.6038,
93.3213

 79.5067, 92.1552,
100.5797

 80.9553, 92.7346,
108.2078

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.6148, 30.4085, 62.3503



41.3142, 30.4085, 42.7217



41.4012, 30.4085, 25.6729

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.3142, 30.4085, 42.7217



26.1733, 30.4085, 10.4952



21.4972, 30.4085, 61.5364

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.3142, 30.4085, 42.7217



37.6357, 53.6189, 41.6259

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



19.2123, 30.4085, 41.8596



41.3142, 30.4085, 42.7217



21.6512, 30.4085, 14.8296

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.3142, 30.4085, 42.7217



32.0882, 30.4085, 10.5867



19.2645, 30.4085, 25.0597



25.9347, 30.4085, 75.4938

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.3142, 30.4085, 42.7217



39.3644, 30.4085, 17.9094



19.2645, 30.4085, 25.0597



20.4806, 30.4085, 55.1250

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.3151, 30.4099, 42.7223



83.1369, 79.7491, 93.9068



33.0721, 25.6479, 65.4951



17.4028, 16.4098, 19.5867



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.3151, 30.4099, 42.7223



58.3664, 39.3246, 57.5451



37.6435, 28.9413, 23.3877



12.7143, 12.5372, 14.4357



18.8993, 9.4960, 12.0398



1.1811, 0.5892, 0.9432

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.3151, 30.4099, 42.7223



58.3664, 39.3246, 57.5451



42.4146, 55.5304, 66.7911



12.7143, 12.5372, 14.4357



18.8993, 9.4960, 12.0398



1.1811, 0.5892, 0.9432

Previews

White Background



This preview shows how the XYZ color 41.3142, 30.4085, 42.7217 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.3142, 30.4085, 42.7217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

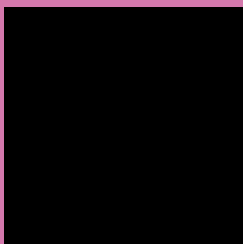
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3142, 30.4085, 42.7217

Background



This preview shows how black text looks on a background with the XYZ color 41.3142, 30.4085, 42.7217.



This preview shows how white text looks on a background with the XYZ color 41.3142, 30.4085,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.3142, 30.4085, 42.7217

Protanopia

30.7989, 30.7454, 53.6014

Deuteranopia

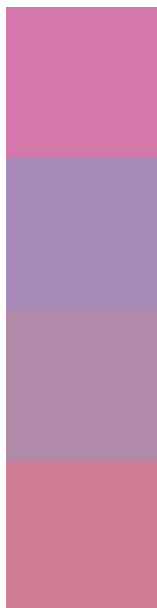
31.1586, 30.5159, 40.8071



Tritanopia

38.0457, 30.3662, 27.1486

Trichromacy



Original Color

41.3142, 30.4085, 42.7217

Protanomaly

33.4661, 29.7446, 49.3248

Deuteranomaly

34.2386, 30.1030, 41.5420

Tritanomaly

38.9270, 30.1405, 32.1998

Monochromacy



Original Color

41.3142, 30.4085, 42.7217

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.3256, 30.5865, 37.4050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3142, 30.4085, 42.7217 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 120, 172)` looks like.

```
.text, #text, p{  
    color:rgb(212, 120, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 120, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 120, 172) }
```

Border

The CSS property to change the border of an element to XYZ 41.3142, 30.4085, 42.7217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 120, 172) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 120, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 120, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 120, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 120, 172); box-shadow:4px 4px 4px 4px rgb(212, 120, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3142, 30.4085, 42.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 120, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
120, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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